



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Troutman et al.

Assignee: ZILOG, Inc.

Title: "Architecture to Relax Memory Performance Requirements"

Serial No.: 10/658,058

Filed: September 8, 2003

Examiner: Woo H. Choi

Group Art Unit: 2186

Atty. Doc. No.: ZIL-244-1C

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

**REVOCATION OF POWER OF ATTORNEY
AND
APPOINTMENT OF NEW ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS**

I, Perry J. Grace, Chief Financial Officer and Vice President of Finance of ZILOG, Inc., the assignee of the entire right, title and interest in the above-referenced continuation application, hereby revoke all previous powers of attorney in the above-identified application, and hereby appoint the practitioners with the

customer number 47,713

to transact all business in the United States Patent and Trademark Office connected with the above-identified patent application.

Please change the correspondence address and fee address for the above-identified patent application and direct all correspondence to the address associated with customer number 47,713, which is:

Applicants: Troutman et al.
Serial No.: 10/658,058
Docket No.: ZIL-244-1C

Silicon Edge Law Group LLP
Patent Attorneys
6601 Koll Center Parkway
Suite 245
Pleasanton, California 94566-3132



Assignee's signature: _____

Date: 9/9/05

Name: _____

Perry J. Grace

Title: _____

Chief Financial Officer and Vice President of Finance

Assignee: _____

ZiLOG, Inc.

The enclosed 37 CFR 3.73(b) Statement states that ZiLOG, Inc., is the assignee of the entire right, title and interest in the above-identified patent application. Also, please change the attorney docket number for the above-identified application and use the following new attorney docket number on all correspondence:

ZIL-244-1C

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

September 9, 2005.

Darien K. Wallace

Darien K. Wallace 9/9/05
Signature Date of Signature

Respectfully submitted,

Darien K. Wallace

Darien K. Wallace
Attorney for Applicants
Reg. No. 53,736
Customer No. 47,713



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Troutman et al.
Assignee: ZiLOG, Inc.
Title: "Architecture to Relax Memory Performance Requirements"
Serial No.: 10/658,058 Filed: September 8, 2003
Examiner: Woo H. Choi Group Art Unit: 2189
Atty. Doc. No.: ZIL-244-1C

Mail Stop Issue Fee
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, CA 22313-1450

37 CFR 3.73(b) STATEMENT

The assignee, ZiLOG, Inc., a corporation of the State of Delaware, states that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

1. A recorded assignment in the parent case dated September 10, 2001, from the inventors (Bruce L. Troutman, Russell B. Lloyd and Randal Q. Thornley) to ZiLOG, Inc., a copy of which is attached as Attachment A (5 pages). The assignment was recorded on September 24, 2001, at reel/frame 012214/0349.

The undersigned is authorized to act on behalf of the assignee by virtue of the power of attorney attached as Attachment B (1 page) and signs on behalf of the assignee this 9th day of September 2005.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By

Darien K. Wallace
Darien K. Wallace

Date of Deposit: September 9, 2005

Respectfully submitted,

Darien K. Wallace

Darien K. Wallace
Attorney for Applicant
Reg. No. 53,736
Customer No. 47,713



M-10914 US
Attachment A page 1



DECEMBER 06, 2001

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

SKJERVEN MORRILL MACPHERSON LLP
GERALD P. PARSONS
THREE EMBARCADERO CENTER
SUITE 2800
SAN FRANCISCO, CA 94111

RECEIVED
BY DOCKET DEPT.

DEC 13 2001



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/24/2001

REEL/FRAME: 012214/0349
NUMBER OF PAGES: 3

BRIEF: MORTGAGE (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TROUTMAN, BRUCE L.

DOC DATE: 09/10/2001

ASSIGNOR:

LLOYD, RUSSELL B.

DOC DATE: 09/10/2001

ASSIGNOR:

THORNLEY, RANDAL Q.

DOC DATE: 09/10/2001

ASSIGNEE:

ZILOG, INC.
910 EAST HAMILTON AVENUE
CAMPBELL, CALIFORNIA 95008

SERIAL NUMBER: 09845466
PATENT NUMBER:

FILING DATE: 04/30/2001
ISSUE DATE:

GPP/MGC M-10914 US
Amend to Inventor name; Assg. F/u
off

B

8-8-02

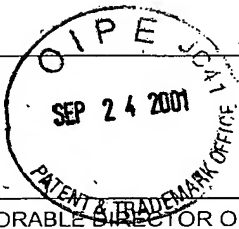
012214/0349 PAGE 2

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

DOC ET NO: 11599 M-10914 US

U.S. DEPARTMENT OF COMMERCE

PATENT AND TRADEMARK OFFICE



10-05-2001



101865823

TO THE HONORABLE DIRECTOR OF THE ORIGINAL DOCUMENTS OR COPY THEREOF.

PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED

1. Name of conveying party(ies):

(a) Bruce L. Troutman

(b) Russell B. Lloyd

(c) Randal Q. Thornley

Additional name(s) of conveying party(ies) attached?

☐

Yes

☒

No

2. Name and address of receiving party(ies):

Name: Zilog, Inc.

Street Address: 910 East Hamilton Avenue

City: Campbell, State: California Zip: 95008

Country: U.S.A.

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: September 10, 2001, respectively

Name and address of receiving party(ies):

Name:

Street Address:

City:

State:

Zip:

Country:

Additional name(s) & address(es) attached?

☐

Yes

☒

No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) - 09/845,466

Title: Architecture to Relax Memory Performance Requirements

B. Patent No.(s)

Additional numbers attached?

☐

Yes

☒

No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gerald P. Parsons

Internal Address: SKJERVEN MORRILL MacPHERSON LLP

Street Address: THREE EMBARCADERO CENTER, SUITE 2800

City SAN FRANCISCO State CA Zip 94111

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 3.41): \$40.00

☒

Authorized to be charged to Deposit Account 19-2386

☒

Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

10/04/2001 AHMED1 00000094 192386 09845466

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8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gerald P. Parsons

24,486

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: Three

Attorney Docket No.: 11599 M-10914 US

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

BRUCE L. TROUTMAN, RUSSELL B. LLOYD and RANDAL Q. THORNLEY

hereby sell, assign and transfer to Zilog, Inc., a Delaware corporation, having a place of business at 910 East Hamilton Avenue, Campbell, California 95008, its successors and assigns, the entire right, title and interest throughout the world in our invention in

ARCHITECTURE TO RELAX MEMORY PERFORMANCE REQUIREMENTS

for which we filed a United States Patent Application on April 30, 2001, which now has Serial No. 09/845,466, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 10 day of September, 2001.

Bruce L. Troutman
Bruce L. Troutman

State of IDAHO)
County of ADA) ss.

On SEPT. 10, 2001 before me, KHURSHED M. TENGRA personally appeared BRUCE LEE TROUTMAN personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Congru

KHURSHED M. TENGRA
NOTARY PUBLIC
STATE OF IDAHO

Executed this 10TH day of SEPTEMBER, 2001.

Russell B. Lloyd
Russell B. Lloyd

State of IDAHO)
) ss.
County of Canyon)

On September 10, 2001 before me, Patricia James personally appeared Russell B. Lloyd personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Patricia James

Executed this 10th day of September, 2001.

Randal Q. Thornley
Randal Q. Thornley

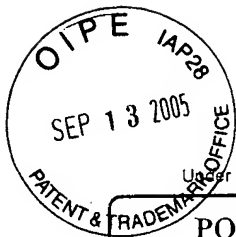
State of IDAHO)
) ss.
County of Canyon)

On September 10, 2001 before me, Patricia James personally appeared Randal Q. Thornley personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Patricia James



Attachment B

PTO/SB/80 (09-04)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒

Practitioners associated with the Customer Number:

47713

OR

☐

Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

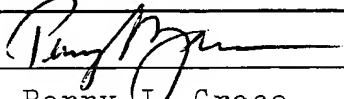
Assignee Name and Address:

ZiLOG, Inc.
532 Race Street
San Jose, California 95126

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	11/9/04
Name	Perry J. Grace	Telephone	408 658 8500
Title	Chief Financial Officer and Vice President of Finance		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.